

# The Western Australian collecting localities of J. A. L. Preiss

N. G. Marchant

Western Australian Herbarium, Department of Conservation & Land Management, P.O. Box 104, Como, Western Australia, Australia 6152

## Abstract

Many of the obscure collecting localities of Preiss have been identified after an analysis of the collecting dates and localities of Preiss published in *Plantae Preissianae*.

Collecting localities of type specimens are usually of special interest to taxonomists. Many of the localities on the labels of specimens of early Australian collectors are often difficult to interpret, especially where geographic names have been changed or may not have been recorded on maps or official gazetteers.

Johann August Ludwig Preiss (1811–1883), collected extensively in south western Australia between 4 December 1838 and 8 January 1842. At this time the Swan River Colony consisted of small settlements at King George Sound (Albany), Busselton, Fremantle, Perth, Guildford and a few inland towns such as York, Toodyay, Pinjarra, Williams and Kojonup (Morison 1979).

Preiss collected approximately 2,800 species of algae, fungi, lichens, bryophytes and flowering plants in the Colony. Most of his specimens were well annotated with locality information and date of collection as well as species number but many of the collecting localities recorded on his specimens and in publications are obscure.

A number of sets of Preiss collections were received by J. G. C. Lehmann in Hamburg who, with nineteen co-authors, published *Plantae Preissianae* (Lehmann 1844–48). In this publication, collections of Preiss, numbered 1 to 2,718, are cited as well as many specimens of James Drummond and some other Australian collectors.

Biographical and other information on Preiss, as well as publication details, are given by McGillivray (1975). Comments on the significance of various sets of collections are given by Nordenstam (1980), Crisp (1983) and Wilson (1983). A summary of the latter three papers and notes on the Preiss collections of the Steetz herbarium is given by Short and Sinkora (1988). Notes on Preiss fungal collections are given by Hilton (1988).

## Preiss species numbers

Before Preiss gave his specimens to Lehmann he attempted to arrange the collections so that numbers were assigned on a systematic basis. Specimens were probably renumbered by Preiss in Perth between March 1841 and his departure for Europe on 8 January 1842. Few collections were made by Preiss during this period although much of April to November was spent surveying the Canning River for the Western Australian Lands Department.

Numbers other than those cited in *Plantae Preissianae* appear on specimens now housed in various European herbaria (McGillivray 1975, Lander 1988). These have been regarded as possible field numbers. However this is unlikely as there is no correlation between these and the listed collection dates.

## Collecting dates and localities

Provenance names used by Preiss and published in *Plantae Preissianae* are often difficult to trace. As well as many cases where locality names are now no longer in use, there are many orthographic variants. Many specimen provenances mention old County names such as Kent, Howick or Minto. Others are native names which have not been recorded in available literature. A number of the place names are settlers homes or properties; these are often difficult to locate as many of the early colonists had more than one property.

The two volumes of *Plantae Preissianae* have been systematically searched and a record made of each locality and collection date. These data were then transferred to a calendar for the years 1838 to 1842 in an attempt to plot the route of journeys undertaken by Preiss.

There are many inconsistencies of date of collection cited in *Plantae Preissianae*. A number of collections from widely separated localities are cited as having been collected by Preiss on the same date. Thus it is not possible to plot with any accuracy the routes taken. Nevertheless, these data have been used to assist in identifying many of the obscure collecting localities.

Table 1 attempts to identify and give the co-ordinates for Preiss localities listed in *Plantae Preissianae*. Some of these have been located using the Arrowsmith Map of the Colony of Western Australia (Arrowsmith 1839), as well as publications by Bignell (1971), Burton Jackson (1982), Erickson (1969, 1974), Garden (1979), Glover (1979), Moore (1884), Pelloc (1929), Statham (1979) and Tuckfield (1971). Latitude and longitude have been determined from the *Travellers Atlas of Western Australia* (Anon. 1978). It should be noted that many localities cited in table 1 only refer to the provenance of J. A. L. Preiss collections. Locality names, such as Swan River for example, may have a broader geographic connotation.

Table I  
Western Australian collecting localities of J. A. L. Preiss

Adamsriver	= Adams River
Adams River	unknown location in Grantham district.
Albany	35°02'S 117°53'E
Andrews	probably property of W. B. Andrews near Perth
Arthurshead	= Arthurs Head
Arthurs Head	Fremantle, 32° 03'S 115° 44'E
Avondale	homestead near Beverley, 32°07'S 116°52'E
Avon River	between Beverley and Toodyay
Baddagin	unknown location
Bakewel	= Mount Bakewell
Baldhead	= Bald Head
Bald Head	near Albany, 35°07'S 118°01'E
Balgarup	homestead on Albany Hwy south of Kojonup, 33°57'S 117°12'E
Ballangajalup	unknown location near Cape Riche
Barker	probably S. A. Barker property, near York; also used for Mount Barker
Barrelanjin	= Lake Barrelanjin
Bassandeen	Bassendean, suburban Perth, 31°54'S 115°56'E
Beaufort River	approx., 33°30'S 117°10'E
Bejoording	homestead, 31°23'S 116°32'E
Belgarup	= Balgarup
Beljarup	= Balgarup
Bellevue	suburban Perth, 31°54'S 116°01'E
Bojekar	most probably Boyagerring Creek or Boyagerring Spring, 31°27'S 116°31'E
Bokkenbop	probably the same as Pwakkenbak which is Mount Barker south of the town of Mount Barker, 34°39'S 117°39'E
Brockmann	probably R. J. or W. L. Brockman properties at Northam and York
Brown	property of P. Brown, Swan River
Bulescreek	= Bulls Creek
Bulls	H. Bull property at Pieton, Port Leschenault, 33°21'S 115°42'E
Bulls Creek	probably the present day Bull Creek on the Canning River near Perth, 32°02'S 115°53'E
Burgess	D. Burgess property, York
Busseltown	Busselton, 33°39'S 115°20'E
Byster Harbour	= Oyster Harbour
Canning	= Canning River
Canning River	between Kelmseott and Perth
Cape Riche	34°37'S 118°47'E
Carnae Island	32°07'S 115°39'E
Cataract	= Cataracts at head of Swan River
Cataracts at head of Swan River	= Susannah Brook, 31°48'S 116°03'E
Cheyne Beach	= Cheyne Beach
Cheyne's Beach	near Manypeaks, 34°53'S 118°25'E
Colonial Church Grant	East Perth, 31°58'S 115°54'E
Cornae	= Carnae Island
Currie	= Mount Currie
Curru	= Mount Currie
Darling Range, Waterfall at Head	= Cataracts at head of Swan River
Darling Range near waterfall	= Cataracts at head of Swan River
Darling's Range	between Guildford and Halfway House
Davy's	probably J. W. Davey property near York
Drummonds	J. Drummond homestead, 31°30'S 116°25'E
Eboraeum	unknown location near Albany
Eight-miles Bridge	8 miles north of Albany, 34°57'S 117°48'E
Eleven Miles Bridge	11 miles north of Albany, 34°53'S 117°47'E
Elizamontagne	= Mount Eliza
Elizamountain	= Mount Eliza
Emuplain	= Emuplains
Emuplains	unknown location in the Darling Range between York and Guildford
Erwin	= Irwin
Fremantle	Fremantle, 32°03'S 115°45'E
Gardenisland	= Garden Island
Garden Island	32°12'S 115°40'E
Gnaden Island	= Garden Island
Gnadenland Island	= Garden Island
Goderich	= Goderich district
Goderich district	between Kojonup and Balgarup
Gordenup	between Manypeak and Cape Riche
Gordon River	34°14'S 117°13'E
Grantham	= Grantham district
Grantham district	north of Williams
Greenmountain	Greenmount, east of Guildford, 31°54'S 116°03'E
Greenmountain (Perth)	= Greenmountain
Greenmountain (York)	= Greenmountain
Greenmountains	= Greenmountain
Gregory	probably property of J. H. Gregory of Pineapple and Perth
Guildford	suburban Perth, 31°54'S 115°59'E
Guildford	= Guildford
Halfwayhouse	= Halfway House

Table I  
Continued

Halfway House	31°54'S 116°20'E
Hardy	probably J. W. Hardey property near Perth or near York
Harris	property of J. Harris, Helena River and Upper Swan
Hassel	J. Hassell property at Kendenup, 34°30'S 117°36'E
Hay	= Hay district
Hay district	between Balgarup and Lake Matilda
Hay River	34°38'S 117°29'E
Heals, York	probably C. Heal homestead, near Northam
Helena River	near Guildford, 31°55'S 116°02'E
Helms	property of T. Helms near Perth
Hesters Point	probably near property of T. Hester, Canning River near Perth
Howick	= Howick district
Howick district	east of York
Interior	between York and Albany, York, Howick, Grantham, Minto, Wicklow, Peel, Goderich and Hay districts
Irwin	F. C. Irwin, Henley Park homestead, Middle Swan
Kalbenup	= Lake Kalbcnup
Kandiup	Candyup, hill and homestead east of Albany, 34°56'S 117°59'E
Kaudiap	= Kandiup
Kaudiup	= Kandiup
Ke-ccr-mulu	= Keiermulu
Keicrmulu	probably an alternative name for Lake Monger or a nearby lake, 31°55'S 115°51'E
Kei-er-mulu	= Keicrmulu
Kei-er-mu-lu	= Keiermulu
Kelmseott	suburban Perth, 32°07'S 116°01'E
Kclm-o-scott	= Kclmseott
Kelmscdth	= Kelmseott
Kent	= Kent district
Kent district	between Two Peoples Bay and Cape Riche
King George III Sound	= King George Sound
King Georges Sound	King George Sound, 35°03'S 117°58'E
King's River	Albany, 34°54'S 117°49'E
Klemattini	unknown location, near Davy's, York district. See Vilemattin
Kojonup	33°50'S 117°09'E
Konkoberup	Mt Melville near Cape Riche, 34°36'S 118°44'E
Kurumup River	unknown location
Lake Barrelanjin	unknown location on the Avon River
Lake Daujamlur	unknown location near Perth
Lake Dungumbar	unknown location near Perth
Lake Dunshambus	unknown location near Perth
Lake Kalben	unknown location, probably near Busselton
Lake Mathilde	Lake Matilda, near Kendenup, 34°26'S 117°36'E
Lenard	= Lennard
Lennard	E. P. B. Lennard homestead, Swan River near Guildford
Lennardt	= Lennard
Lcschenault	= Port Lcschenault
Lewis Plain	unknown location probably between Guildford and Perth
Limkiln	= Limekiln
Limekiln	near Subiaco, Perth, 31°56'S 115°46'E
Lussen	= Sussex district
McDermot	J. McDermott farm near Northam or M. MacDermott property at Middle Swan
Maddington	suburban Perth, 32°04'S 115°58'E
Mahogany Creek	Darling Range, 31°54'S 116°08'E
Mairu	= Nairn
Manypeak	= Mount Manypeak
Marell	= Morrell
Marrcll	= Morrell
Mathildae	= Lake Mathilde
Middle Swan	near Guildford, 31°51'S 116°01'E
Middletonbay	= Middleton Bay
Middleton Bay	Middleton Beach, Albany, 35°01'S 117°55'E
Middletowsbay	= Middleton Bay
Minto	= Minto district
Minto district	south east of Brookton
Mistaken Island	King George Sound, near Albany, 35°03'S 117°56'E
Mitchell	property of W. Mitchell, Upper Swan, 31°46'S 116°01'E
Mocloys Plain	= Molloys Plain
Molloys Plain	probably near Busselton, 33°39'S 115°20'E
Mongerslake	Lake Monger, near Perth, 31°55'S 115°51'E
Moore, G	G. F. Moore property at Millendon, 31°48'S 116°02'E, possibly also near York
Moore, J.	unknown location
Moore, S.	property of S. Moore, Middle Swan
Morrell	property of J. Morrell, Northam
Mount Bakewell	York district, 31°51'S 116°45'E
Mount Barker	34°38'S 117°40'E. See also Bokkenbop
Mount Barrow	34°37'S 117°44'E
Mount Brown	31°53'S 117°48'E

Table I  
Continued

Mount Clarence	near Albany, 35°02'S 117°53'E
Mount Clarence, Perth	= Mount Clarence, Albany
Mount Currie	unknown location, probably on the property once owned by M. Currie, York district
Mount Eliza	Perth, 31°58'S 115°51'E
Mount Elphinstone	near Albany, 35°02'S 117°53'E
Mount Greenmount	= Greenmount
Mount Hardey	31°55'S 116°48'E
Mount Hardy	= Mount Hardey
Mount Kaudiup	= Kandiup
Mount Lehmann	Lemmahns Hill, 31°46'S 116°31'E
Mount Manypeak	Mount Manypeaks, 34°54'S 118°16'E
Mount Mathilda	Mount Matilda, 31°56'S 116°47'E
Mount Melville	near Albany townsite, 35°02'S 117°53'E
Mount Parker	= Mount Barker
Mount T'jalup (Kent)	= Mount Manypeak
Mount Tood-jaykatta	= Tood-yaykatta
Mount Warriup	= Warriup Hills
Mount William	probably Mt Adelaide, Albany, 33°03'S 117°55'E
Mount Wuljcnup	= Wuljcnup
Murray River	probably near Pinjarra, 32°38'S 115°52'E
Nairn	property of W. Nairn, Canning River near Kelmscott and near Northam
Nairu	= Nairn
Nash	property of R. W. Nash near Perth
Nelson	= Nelson district
Nelson district	near Capel
Oyster Harbour	near Albany, 34°58'S 117°58'E
Parker	S. Parker or S. Parker snr property, near York
Peel	= Peel district
Peel district	near Katanning
Penguin Island	near Safety Bay, 32°18'S 115°41'E
Peninsular	suburban Perth, 31°57'S 115°54'E
Perth	usually refers to the near city area, 31°57'S 115°52'E
Phillips	= Phillips
Phillips	property of S. P. Phillips, Culham, 31°25'S 116°27'E
Philops	= Phillips
Pincapple	Pineapple Inn, near Perth, 31°56'S 115°53'E
Pitscharding	unknown location in Victoria district
Pitscharding Spring	unknown location in Victoria district
Plantagenet	= Plantagenet district
Plantagenet district	between Lake Matilda, Albany and Two Peoples Bay
Pointpossession	= Point Possession
Point Possession	near Albany, 35°03'S 117°55'E
Pointwater	Point Walter between Canning River and Fremantle, 32°01'S 115°48'E
Point William	King George Sound, 35°03'S 117°55'E
Port Leschenault	Australind, 33°16'S 115°44'E
Preiss Well	unknown location probably near St Ronans Well
Preissvell	= Preiss Well
Preston Creek, Perth	probably near Guildford
Preston River (Perth)	= Preston River
Preston River	near Port Leschenault, 33°33'S 116°04'E
Princess Royal Harbour	near Albany, 35°04'S 117°53'E
Pwakkenbak	= Bokkenbop
Quangen	near Wongamine, east of Toodyay, 31°29'S 116°37'E
Rich. Spencer	= Spencer
Rocky Bay	North Fremantle, 32°02'S 115°44'E
Ronau's Well	= St Ronans Well
Rotenest	= Rottnest
Rottennest	= Rottncst
Rottnest	Rottnest Island, 32°00'S 115°31'E
St Georges Terrace	Perth, 31°57'S 115°52'E
St Ronan's Well	between Perth and Beverley, 32°56'S 116°01'E
St Rozins Well	= St Ronan's Well
Saltriver	Jennacubbine River, 31°03'S 116°42'E
Serpentine River	32°32'S 115°46'E
Serpentum River	= Serpentine River
Seven miles bridge	seven miles north of Albany, 34°56'S 117°48'E
Skelmscott	= Kelmscott
Southern River	suburban Perth near Canning River, 32°05'S 115°56'E
Spence	= Spencer
Spencer	Strawberry Hill farm, Albany, 35°02'S 117°53'E
Spenier	= Spencer
Spites	brookunknown location on the Canning River
Springhill	Agett property near Northam
Stirling Terrace	Albany townsite, 35°02'S 117°53'E
Strawberry Hill	property of R. Spencer, Albany, 35°02'S 117°53'E
Sussex	= Sussex district
Sussex district	between Capel and Toby's Inlet

Table I  
Continued

Swan River	Swan river between Perth and Millendon, Guildford district
Swan River, catacaets at head	= Catacaets at head of Swan River
Swan River, head	Millendon, near Guildford, 31°48'S 116°03'E
Swan River, mouth	= Fremantle
Swan waterfall	= Catacaets at head of Swan River
T'jallop	= Mount Manypeak
Tjelberup	= Mount Manypeak
Tjilberup	= Mount Manypeak
T'jilberup (Kent)	= Mount Manypeak
T'jilberup (Plantagenet)	= Mount Manypeak
Toby's Inlet	Toby Inlet, near Busselton, 33°39'S 115°11'E
Toby's Insel	= Toby's Inlet
Toby's Julet	= Toby's Inlet
Toodgay	= Toodyay
Toodgayvalley	= Toodyay
Toodyay	Victoria district, 31°33'S 116°28'E
Tood-yaykatta	near Toodyay, 31°30'S 116°25'E
Twopeoplebay	= Two Peoples Bay
Two Peoples Bay	near Albany, 34°57'S 118°11'E
Vasse	Busselton, 33°39'S 115°20'E
Vasse inlet	= Vasse
Vilemattin	unknown location, near Davy's, York district
Viveach	S. W. Viveash property, near Beverley
Warriup Hills	= Warriup Hills
Warreup-Hills	= Warriup Hills
Warreup Hills	= Warriup Hills
Warriuphills	= Warriup Hills
Warriup Hills	Geekabee Hill, near Cranbrook, 34°19'S 117°24'E
Wellington district	between Waroona and Capel
Wellington River	unknown location near Bunbury
Whitfield, York	property of F. J. Whitfield, near Toodyay
Wicklow	= Wicklow district
Wicklow district	between Williams and Kojonup
Williams	33°02'S 116°53'E
Williamsburg	= Williams
Williamspoint	= Point William
Wittenoom	probably property of C. Wittenoom, York
Woodbridge	near Guildford, 31°54'S 115°53'E
Woodmans Point	Woodman Point, 32°08'S 115°44'E
Wuljenup	Willyung Hill, near Albany, 34°57'S 117°51'E
York	31°53'S 116°46'E
York district	between Toodyay and north of Northam

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